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ABSTRACT

In 1989, a study was conducted at Prince George's Community College (PGCC) to determine the percentage of students enrolled in courses in the fall term who received passing grades, and to examine these pass rates for each course, academic discipline, and division. The study also examined student pass rates by gender, age, race, and admission status. Study findings included the following: (1) the collegewide course pass rate in fall 1988 was 73%, matching the record high achieved in 1987; (2) as a group, students did better in occupational courses than in general education or remedial studies; (3) pass rates varied greatly according to discipline, with 17 disciplines registering more than 10% above the college average; (4) the disciplines with the highest pass rates were radiography (100%), education (94%), health (89%), and nursing (89%); (5) the disciplines with the lowest pass rates were mathematics (52%), chemistry (55%), college learning skills (62%), and developmental mathematics (63%); (6) the health technology and nursing divisions had consistently high pass rates from 1984 to 1989; and (7) in general, women had higher pass rates than men, whites had higher pass rates than blacks and other minorities, students over 25 years of age had higher rates than students under 25, and continuing students had higher rates than first-time students. (ALB)

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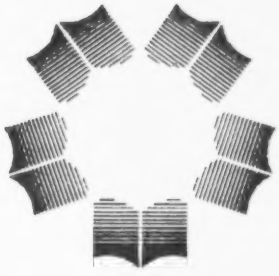
COURSE PASS RATES IN FALL 1988



PRINCE GEORGE'S
COMMUNITY COLLEGE

Enrollment Analysis EA89-6

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April 1989

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PRINCE GEORGE'S COMMUNITY COLLEGE
Office of Institutional Research and Analysis

COURSE PASS RATES IN FALL 1988
Enrollment Analysis Report EA89-6
April 1989

Introduction

This report summarizes course completion or pass rate information for the fall 1988 semester. Course pass rate analysis is one of three major approaches used at Prince George's Community College to systematically evaluate student academic progress. The three approaches are:

1. **Course Pass Rates:** Analysis of the percentage of initial course enrollees who successfully complete courses.

2. **Term-to-term Retention:** Analysis of the percentage of students enrolled in a given term who return for classes the following term.

3. **Retention through Program Completion:** Analysis of the percentage of degree-seeking students who graduate or successfully transfer within a given time period.

This report presents course pass rate highlights from the fall 1988 analysis. Student performance in individual courses constitutes a fundamental learning outcome, as assessed by the faculty. Examination of student outcomes at the course level is especially appropriate at community colleges, since as many as half the students enrolled in credit classes may have no intention of earning a degree.

Methodology

Course pass rates are calculated from final grade distributions. The pass rate represents the percentage of initial course enrollees receiving passing grades, including D and TP (toward passing) grades. The more failures and withdrawals, the lower the pass rate. Pass rates are calculated for each course, discipline, department, and division, and analyzed by student gender, age, race, and admission status. The findings at higher levels of aggregation are included in this report; supplemental reports are being issued concurrently that provide detailed data for each division.

Most Recent Outcomes: Fall 1988 Pass Rates by Discipline

The collegewide course pass rate in fall 1988 was 73 percent, matching the record high achieved in fall 1987. Fall semesters over the 1977-86 period recorded pass rates of 71 or 72 percent. Students as a group did better in occupational courses (77 percent passing) than in general education (73 percent) or remedial studies (66 percent). Pass rates varied greatly by discipline. Seventeen disciplines had fall 1988 pass rates more than 10 percentage points above the collegewide average:

Disciplines with High Pass Rates, Fall 1988

1.	Radiography	100%
2.	Education	94%
3.	Health	89%
4.	Medical Isotope Technology	89%
5.	Nursing	88%
6.	Physical Education	87%
7.	English as a Foreign Language	87%
8.	Business	86%
9.	Early Childhood Education	86%
10.	Respiratory Therapy	85%
11.	Music	85%
12.	Literature	85%
13.	Medical Records Technology	84%
14.	Criminal Justice Technology	84%
15.	Health Education	84%
16.	Paralegal Studies	84%
17.	TV, Radio, and Film	84%

All six of the disciplines in the Health Technology division had pass rates more than 10 percentage points above the collegewide average. No social science, natural science, mathematics, or computer/engineering technology discipline was in this high-pass-rate group.

Four disciplines in fall 1988 had course pass rates more than 10 percentage points below the collegewide average:

Disciplines with Low Pass Rates, Fall 1988

1.	Mathematics	52%
2.	Chemistry	55%
3.	College Learning Skills	62%
4.	Developmental Mathematics	63%

As in prior years, it is clear that a substantial proportion of students coming to the community college are seriously deficient in mathematics.

Divisional Course Pass Rate Trends, Fall 1984-88

Courses in nursing and allied health have consistently had above-average pass rates, a finding reflected in divisional averages: Health Technology remains the division with the highest course completion rate:

Fall Course Pass Rates by Division

	1984	1985	1986	1987	1988
Health Technology	86%	88%	90%	91%	89%
Physical/Health Education	82	86	85	83	87
Humanities	78	79	79	79	81
Business and Management	71	75	76	77	77
Social Sciences	74	72	74	75	74
Computer/Engineering Tech.	69	71	72	76	73
English Studies	67	67	68	71	72
Science and Mathematics	61	61	60	62	59

During this period, course pass rates (including "toward passing") in remedial coursework ranged between 63 and 66 percent.

Fall Course Pass Rates by Demographic Group

Pass rates were analyzed by several variables on the student information system. Similar analyses had been completed in 1981, 1985, and 1987. The aggregate findings for all four study periods are presented below:

Course Pass Rates, Demographic Groups, Fall 1981-85-87-88

	1981	1985	1987	1988
Women	74%	75%	76%	76%
Men	68	68	69	70
Under 21	71%	69%	70%	71%
21 - 25	68	69	73	71
Over 25	75	78	80	79
Black	65%	66%	69%	68%
White	76	76	77	78
Other	72	70	74	72
First-time	69%	67%	68%	69%
Continuing	73	74	76	75

Women, students over age 25, whites, and continuing students consistently achieved group course pass rates above the college average. Men, students less than 26 years of age, blacks, and first-time college students achieved group course pass rates below the college average. Detailed tables displaying pass rates by each variable and for each discipline are appended.

Subgroup Analysis

To learn which groups had the most difficulty completing courses, a four-way crosstabulation of the gender, age, race, and admission status variables was performed, generating 36 student subgroups. Five of the 36 subgroups had pass rates more than 10 percentage points below the collegewide rate of 73 percent:

Student Subgroups with Low Course Pass Rates, Fall 1988

1.	First-time black males 21-25	61%
2.	First-time black males under 21	61
3.	Continuing black males under 21	61
4.	First-time black females under 21	62
5.	Continuing other males 21-25	62

To provide associate deans and department chairpersons with detailed pass rate information in their areas, five-way crosstabulations adding division or discipline to the gender, age, race, and admission status variables were run. These detailed data have been distributed as separate, supplementary reports.

Summary

This report has examined course pass rates by several demographic descriptors available on the student information system, in addition to the division and discipline analyses. Subject areas and student subgroups with pass rates substantially different from the college average have been identified. Many variables that impact on student course success were not available on the database used to generate this analysis. Prior educational experiences, socio-economic background, employment demands, individual motivation and study habits, family responsibilities--these and other variables plausibly related to course success were not available. As the college expands its efforts to assess student achievement, it may need to expand its database of entering student characteristics to include new data elements, such as high school courses taken, grade point average, and class rank. The college's Task Force on Institutional Assessment has stated that "to better evaluate student achievement, we need to know more about students when they first enter the college." While counselors and advisors often obtain

and use such information, it needs to be entered on a student record file so it will be available for subsequent, systematic analyses.

On average, seven out of ten students enrolled in a course at PGCC complete it with a passing grade. Given the college's open admissions policy, and the little we know about the pass rates at other comparable institutions, this seems a reasonable figure. Two findings from this analysis warrant further comment. As a group, black students, particularly those new to college, young, and male, are most at risk of not completing their courses. In response, the college has developed several support mechanisms, including the state-funded Black Student Retention Program. Initial evaluation found that students in this mentoring program achieved greater academic success than other first-time, full-time, degree-seeking black students. This suggests, but does not conclusively establish, that the mentoring program was having a positive impact. (See OIRA Report PE89-1, Assessment of the Black Student Retention Program in Fall 1988, for details.) The other finding deserving comment was the continued documentation of the poor mathematics ability of PGCC students. Mathematics, and courses that require strong math skills such as chemistry, have consistently had the lowest course pass rates. Half of the students entering PGCC directly after high school require remediation. The trend in math scores achieved by County students taking the Scholastic Aptitude Test administered by the College Board reinforces the impression of declining math skills. About half (49.3 percent in 1988) of Prince George's County public high school seniors take the SAT; while state and national math scores have increased since the early 1980s, the mean score for County seniors has declined:

Mean Scores, SAT Mathematics, 1981-88

	1981	1988	Change
Prince George's (public)	446	429	-17
Maryland	461	475	+14
United States	466	476	+10

Black students had lower average SAT-math (and verbal) scores than whites at every County public high school. The findings from aptitude tests taken by high school seniors appear to be reflected in achievement in coursework at PGCC.

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Table 1

Course Completion Rates by Discipline, Fall 1988

DIVISIONS/DISCIPLINES	Initial Enrollment	Number Passing	Pass Rate
OCCUPATIONAL EDUCATION	10,011	7,676	76.7%
Health Technology	473	420	88.8%
Radiologic Technology	43	43	100.0%
Health	36	32	88.9%
Medical Isotope Technology	26	23	88.5%
Nursing	276	244	88.4%
Respiratory Therapy	41	35	85.4%
Medical Records Technology	51	43	84.3%
Business/Management	7,135	5,510	77.2%
Business	387	332	85.8%
Early Childhood Education	218	187	85.8%
Criminal Justice Technology	650	546	84.0%
Paralegal	438	367	83.8%
Early Childhood Prog. Management	26	21	80.8%
Marketing	387	312	80.6%
Management	2,159	1,737	80.5%
Hospitality Services Mgt.	163	131	80.4%
Real Estate	365	267	73.2%
Office Administration	419	297	70.9%
Accounting	1,923	1,313	68.3%
Computer and Engineering	2,403	1,746	72.7%
Engineering Technology	449	352	78.4%
Data Processing	1,954	1,394	71.3%
GENERAL EDUCATION	19,620	14,237	72.6%
Physical Education & Health	1,695	1,472	86.8%
Physical Education	1,441	1,259	87.4%
Health	254	213	83.9%
Humanities	4,156	3,372	81.1%
Eng. as a Foreign Language	452	394	87.2%
Music	431	366	84.9%
TV, Radio and Film	111	93	83.8%
Speech	1,404	1,162	82.8%
Art	787	647	82.2%
Theater	154	118	76.6%
Foreign Languages	405	301	74.3%
Philosophy	412	291	70.6%

Course Completion Rates by Discipline, Fall 1988

DIVISIONS/DISCIPLINES	Initial Enrollment	Number Passing	Pass Rate
Social Science	4,989	3,707	74.3%
Psychology	1,493	1,149	77.0%
History	1,332	1,013	76.1%
Geography	66	49	74.2%
Political Science	432	310	71.8%
Economics	866	620	71.6%
Sociology	734	524	71.4%
Anthropology	66	42	63.6%
English Studies	3,696	2,672	72.3%
Literature	343	290	84.5%
Advanced Writing	886	723	81.6%
Composition	2,467	1,659	67.2%
Science and Mathematics	5,084	3,014	59.3%
Engineering	124	98	79.0%
Horticulture	49	37	75.5%
Physical Science	589	439	74.5%
Physics	220	159	72.3%
Biology	978	648	66.3%
Chemistry	430	235	54.7%
Math	2,694	1,398	51.9%
EDUCATIONAL DEVELOPMENT	2,650	1,739	65.6%
Education	49	46	93.9%
Developmental Skills	151	106	70.2%
Developmental English	574	389	67.8%
Developmental Reading	611	400	65.5%
Developmental Math	1,244	785	63.1%
College Learning Skills	21	13	61.9%
Honors	29	22	75.9%
Career Assessment & Planning	368	292	79.3%
TOTAL COLLEGE	32,678	23,966	73.3%

Table 2

Course Pass Rates for Male and Female Students According to Discipline, Fall 1988

	Male			Female		
DIVISIONS/DEPARTMENTS	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate
OCCUPATIONAL EDUCATION	3,871	2,837	73.3%	6,140	4,839	78.8%
Health Technology	56	49	87.5%	417	371	89.0%
Medical Isotope Technology	4	1	25.0%	22	22	100.0%
Radiologic Technology	13	13	100.0%	30	30	100.0%
Health	2	2	100.0%	34	30	88.2%
Nursing	14	14	100.0%	262	230	87.8%
Respiratory Therapy	20	17	85.0%	21	18	85.7%
Medical Records Technology	3	2	66.7%	48	41	85.4%
Business/Management	2,518	1,868	74.2%	4,617	3,642	78.9%
Criminal Justice Tech.	374	300	80.2%	276	246	89.1%
Early Childhood Prog. Mgt.	3	1	33.3%	23	20	87.0%
Business	154	131	85.1%	233	201	86.3%
Early Childhood Education	13	11	84.6%	205	176	85.9%
Marketing	149	113	75.8%	238	199	83.6%
Paralegal	54	46	85.2%	384	321	83.6%
Management	858	662	77.2%	1,301	1,075	82.6%
Hospitality Services Mgt.	64	50	78.1%	99	81	81.8%
Real Estate	165	116	70.3%	200	151	75.5%
Office Administration	68	41	60.3%	351	256	72.9%
Accounting	616	397	64.4%	1,307	916	70.1%
Computer and Engineering	1,297	920	70.9%	1,106	826	74.7%
Engineering Technology	375	296	78.9%	74	56	75.7%
Data Processing	922	624	67.7%	1,032	770	74.6%
GENERAL EDUCATION	8,846	6,131	69.3%	10,774	8,106	75.2%
Physical Education & Health	712	620	87.1%	983	852	86.7%
Physical Education	610	538	88.2%	831	721	86.8%
Health	102	82	80.4%	152	131	86.2%
Humanities	1,839	1,433	77.9%	2,317	1,939	83.7%
Music	228	188	82.5%	203	178	87.7%
Eng. as a Foreign Language	227	197	86.8%	225	197	87.6%
TV, Radio and Film	56	45	80.4%	55	48	87.3%
Art	345	264	76.5%	442	383	86.7%
Speech	547	428	78.2%	857	734	85.6%
Foreign Languages	177	125	70.6%	228	176	77.2%
Theater	62	48	77.4%	92	70	76.1%
Philosophy	197	138	70.1%	215	153	71.2%

Course Pass Rates for Male and Female Students According to Discipline, Fall 1988

DIVISIONS/DEPARTMENTS	Male			Female		
	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate
Social Science	2,112	1,534	72.6%	2,877	2,173	75.5%
Geography	35	22	62.9%	31	27	87.1%
Psychology	495	373	75.4%	998	776	77.8%
History	623	463	74.3%	709	550	77.6%
Economics	436	302	69.3%	430	318	74.0%
Sociology	270	193	71.5%	464	331	71.3%
Political Science	220	160	72.7%	212	150	70.8%
Anthropology	33	21	63.6%	33	21	63.6%
English Studies	1,556	1,050	67.5%	2,140	1,622	75.8%
Literature	131	103	78.6%	212	187	88.2%
Advanced Writing	367	283	77.1%	519	440	84.8%
Composition	1,058	664	62.8%	1,409	995	70.6%
Science and Mathematics	2,627	1,494	56.9%	2,457	1,520	61.9%
Horticulture	30	20	66.7%	19	17	89.5%
Engineering	101	78	77.2%	23	20	87.0%
Physical Science	266	184	69.2%	323	255	78.9%
Physics	169	122	72.2%	51	37	72.5%
Biology	296	207	69.9%	682	441	64.7%
Chemistry	239	129	54.0%	191	106	55.5%
Math	1,526	754	49.4%	1,168	644	55.1%
EDUCATIONAL DEVELOPMENT	1,059	660	62.3%	1,591	1,079	67.8%
Education	5	4	80.0%	44	42	95.5%
Developmental English	241	151	62.7%	333	238	71.5%
College Learning Skills	7	3	42.9%	14	10	71.4%
Developmental Skills	66	47	71.2%	85	59	69.4%
Developmental Reading	260	157	60.4%	351	243	69.2%
Developmental Math	480	298	62.1%	764	487	63.7%
Honors	8	6	75.0%	21	16	76.2%
Career Assessment & Planning	103	72	69.9%	265	220	83.0%
TOTAL COLLEGE	13,887	9,706	69.9%	18,791	14,260	75.9%

Table 3

Course Pass Rates for Selected Age Groups According to Discipline, Fall 1988

	Under 21			21 - 25			Over 25		
DIVISIONS/DEPARTMENTS	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate
OCCUPATIONAL EDUCATION	2,960	2,158	72.9%	2,683	2,014	75.1%	4,368	3,504	80.2%
Health Technology	80	66	82.5%	141	130	92.2%	252	224	88.9%
Radiologic Technology	20	20	100.0%	10	10	100.0%	13	13	100.0%
Medical Records Technology	6	6	100.0%	9	8	88.9%	36	29	80.6%
Nursing	33	23	69.7%	86	79	91.9%	157	142	90.4%
Health	10	9	90.0%	9	9	100.0%	17	14	82.4%
Medical Isotope Technology	3	3	100.0%	15	12	80.0%	8	8	100.0%
Respiratory Therapy	8	5	62.5%	12	12	100.0%	21	18	85.7%
Business/Management	2,285	1,685	73.7%	1,961	1,468	74.9%	2,889	2,357	81.6%
Early Childhood Education	66	51	77.3%	61	50	82.0%	91	86	94.5%
Early Childhood Prog. Mgt.	3	3	100.0%	5	5	100.0%	18	13	72.2%
Hospitality Services Mgt.	63	50	79.4%	38	33	86.8%	62	48	77.4%
Business	91	71	78.0%	129	108	83.7%	167	153	91.6%
Criminal Justice Tech.	324	262	80.9%	205	172	83.9%	121	112	92.6%
Paralegal	91	63	69.2%	126	102	81.0%	221	202	91.4%
Management	795	611	76.9%	576	444	77.1%	788	682	86.5%
Marketing	129	99	76.7%	122	98	80.3%	136	115	84.6%
Real Estate	69	38	55.1%	63	39	61.9%	233	190	81.5%
Office Administration	132	87	65.9%	110	71	64.5%	177	139	78.5%
Accounting	522	350	67.0%	526	346	65.8%	875	617	70.5%
Computer and Engineering	595	407	68.4%	581	416	71.6%	1,227	923	75.2%
Engineering Technology	131	102	77.9%	128	97	75.8%	190	153	80.5%
Data Processing	464	305	65.7%	453	319	70.4%	1,037	770	74.3%
GENERAL EDUCATION	10,890	7,718	70.9%	5,443	3,766	69.2%	5,210	4,066	78.0%
Physical Education & Health	728	607	83.4%	345	284	82.3%	622	581	93.4%
Physical Education	579	482	83.2%	278	229	82.4%	584	548	93.8%
Health	149	125	83.9%	67	55	82.1%	38	33	86.8%
Humanities	2,148	1,735	80.8%	1,003	787	78.5%	1,005	850	84.6%
Music	214	179	83.6%	83	71	85.5%	134	116	86.6%
Art	392	321	81.9%	186	144	77.4%	209	182	87.1%
TV, Radio and Film	68	59	86.8%	27	21	77.8%	16	13	81.3%
Speech	809	664	82.1%	303	247	81.5%	292	251	86.0%
Foreign Languages	189	145	76.7%	98	67	68.4%	118	89	75.4%
Philosophy	234	158	67.5%	109	75	68.8%	69	58	84.1%
Eng. as a Foreign Language	148	134	90.5%	155	132	85.2%	149	128	85.9%
Theater	94	75	79.8%	42	30	71.4%	18	13	72.2%

Course Pass Rates for Selected Age Groups According to Discipline, Fall 1988

DIVISIONS/DEPARTMENTS	Under 21 Initial Enrollment	Under 21 Number Passing	Under 21 Pass Rate	21 - 25 Initial Enrollment	21 - 25 Number Passing	21 - 25 Pass Rate	Over 25 Initial Enrollment	Over 25 Number Passing	Over 25 Pass Rate
Social Science	3,323	2,397	72.1%	1,801	1,269	70.5%	1,788	1,354	75.7%
Social Science	522	350	67.0%	526	346	65.8%	875	617	70.5%
Sociology	430	295	68.6%	181	132	72.9%	123	97	78.9%
History	799	595	74.5%	324	241	74.4%	209	177	84.7%
Anthropology	36	20	55.6%	21	15	71.4%	9	7	77.8%
Political Science	213	156	73.2%	131	89	67.9%	88	65	73.9%
Psychology	856	653	76.3%	329	245	74.5%	308	251	81.5%
Economics	435	303	69.7%	265	185	69.8%	166	132	79.5%
Geography	32	25	78.1%	24	16	66.7%	10	8	80.0%
English Studies	2,054	1,505	73.3%	907	579	63.8%	735	588	80.0%
Literature	170	143	84.1%	102	81	79.4%	71	66	93.0%
Advanced Writing	373	300	80.4%	277	217	78.3%	236	206	87.3%
Composition	1,511	1,062	70.3%	528	281	53.2%	428	316	73.8%
Science and Mathematics	2,637	1,474	55.9%	1,387	847	61.1%	1,060	693	65.4%
Physical Science	319	233	73.0%	135	99	73.3%	135	107	79.3%
Engineering	33	29	87.9%	55	41	74.5%	36	28	77.8%
Physics	58	45	77.6%	93	62	66.7%	69	52	75.4%
Math	1,590	785	49.4%	693	387	55.8%	411	226	55.0%
Horticulture	8	5	62.5%	6	4	66.7%	35	28	80.0%
Biology	426	274	64.3%	273	180	65.9%	279	194	69.5%
Chemistry	203	103	50.7%	132	74	56.1%	95	58	61.1%
EDUCATIONAL DEVELOPMENT	1,627	1,026	63.1%	418	261	62.4%	605	452	74.7%
Education	1	1	100.0%	5	5	100.0%	43	40	93.0%
Developmental English	392	254	64.8%	64	42	65.6%	118	93	78.8%
Developmental Reading	437	288	65.9%	79	47	59.5%	95	65	68.4%
College Learning Skills	8	6	75.0%	4	2	50.0%	9	5	55.6%
Developmental Skills	103	72	69.9%	21	14	66.7%	27	20	74.1%
Developmental Math	686	405	59.0%	245	151	61.6%	313	229	73.2%
Honors	14	10	71.4%	5	3	60.0%	10	9	90.0%
Career Assessment & Planning	146	110	75.3%	69	51	73.9%	153	131	85.6%
TOTAL COLLEGE	15,637	11,022	70.5%	8,618	6,095	70.7%	10,346	8,162	78.9%

Table 4

Course Pass Rates, by Race, According to Discipline, Fall 1988

	Black			White			Asian/Hispanic/Nat American		
DIVISIONS/DEPARTMENTS	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate
OCCUPATIONAL EDUCATION	4,672	3,380	72.3%	4,697	3,822	81.4%	642	474	73.8%
Health Technology	192	167	87.0%	251	231	92.0%	30	22	73.3%
Health	16	15	93.8%	19	16	84.2%	1	1	100.0%
Medical Isotope Technology	4	4	100.0%	21	18	85.7%	1	1	100.0%
Radiologic Technology	4	4	100.0%	36	36	100.0%	3	3	100.0%
Nursing	118	101	85.6%	141	131	92.9%	17	12	70.6%
Medical Records Technology	33	28	84.8%	15	13	86.7%	3	2	66.7%
Respiratory Therapy	17	15	88.2%	19	17	89.5%	5	3	60.0%
Business/Management	3,393	2,469	72.8%	3,344	2,741	82.0%	398	300	75.4%
Paralegal	245	205	83.7%	185	154	83.2%	8	8	100.0%
Early Childhood Education	101	91	90.1%	115	94	81.7%	2	2	100.0%
Criminal Justice Tech.	274	223	81.4%	348	297	85.3%	28	26	92.9%
Business	193	162	83.9%	174	153	87.9%	20	17	85.0%
Hospitality Services Mgt.	42	29	69.0%	116	98	84.5%	5	4	80.0%
Management	1,006	752	74.8%	1,027	886	86.3%	126	99	78.6%
Accounting	957	604	63.1%	835	615	73.7%	131	94	71.8%
Real Estate	159	100	62.9%	178	147	82.6%	28	20	71.4%
Marketing	189	148	78.3%	179	151	84.4%	19	13	68.4%
Office Administration	208	140	67.3%	180	140	77.8%	31	17	54.8%
Early Childhood Prog. Mgt.	19	15	78.9%	7	6	85.7%	0	0	NA
Computer and Engineering	1,087	744	68.4%	1,102	850	77.1%	214	152	71.0%
Engineering Technology	168	115	68.5%	237	201	84.8%	44	36	81.8%
Data Processing	919	629	68.4%	865	649	75.0%	170	116	68.2%
GENERAL EDUCATION	6,985	4,639	66.4%	10,890	8,346	76.6%	1,745	1,252	71.7%
Physical Education & Health	555	440	79.3%	1,069	972	90.9%	71	60	84.5%
Physical Education	481	385	80.0%	900	822	91.3%	60	52	86.7%
Health	74	55	74.3%	169	150	88.8%	11	8	72.7%
Humanities	1,431	1,127	78.8%	2,137	1,759	82.3%	588	486	82.7%
TV, Radio, and Film	56	47	83.9%	54	45	83.3%	1	1	100.0%
Foreign Languages	143	96	67.1%	231	177	76.6%	31	28	90.3%
Eng. as a Foreign Language	122	104	85.2%	42	39	92.9%	288	251	87.2%
Music	162	134	82.7%	235	203	86.4%	34	29	85.3%
Speech	562	454	80.8%	698	587	84.1%	144	121	84.0%
Art	213	176	82.6%	514	433	84.2%	60	38	63.3%
Philosophy	134	85	63.4%	257	193	75.1%	21	13	61.9%
Theater	39	31	79.5%	106	82	77.4%	9	5	55.6%

Course Pass Rates, by Race, According to Discipline, Fall 1988

	Black			White			Asian/Hispanic/Nat American		
DIVISIONS/DEPARTMENTS	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate
Social Science	1,815	1,238	68.2%	2,836	2,232	78.7%	338	237	70.1%
Political Science	186	124	66.7%	227	170	74.9%	19	16	84.2%
Economics	332	200	60.2%	450	354	78.7%	84	66	78.6%
History	403	287	71.2%	852	672	78.9%	77	54	70.1%
Psychology	573	414	72.3%	817	664	81.3%	103	71	68.9%
Geography	19	13	68.4%	42	33	78.6%	5	3	60.0%
Sociology	288	195	67.7%	400	303	75.8%	46	26	56.5%
Anthropology	14	5	35.7%	48	36	75.0%	4	1	25.0%
English Studies	1,520	1,022	67.2%	1,939	1,473	76.0%	237	177	74.7%
Advanced Writing	395	306	77.5%	437	372	85.1%	54	45	83.3%
Literature	74	63	85.1%	256	217	84.8%	13	10	76.9%
Composition	1,051	653	62.1%	1,246	884	70.9%	170	122	71.8%
Science and Mathematics	1,664	812	48.8%	2,909	1,910	65.7%	511	292	57.1%
Physical Science	124	79	63.7%	439	339	77.2%	26	21	80.8%
Engineering	25	20	80.0%	76	62	81.6%	23	16	69.6%
Physics	55	34	61.8%	134	105	78.4%	31	20	64.5%
Math	913	389	42.6%	1,487	844	56.8%	294	165	56.1%
Biology	397	223	56.2%	508	387	76.2%	73	38	52.1%
Chemistry	147	64	43.5%	223	141	63.2%	60	30	50.0%
Horticulture	3	3	100.0%	42	32	76.2%	4	2	50.0%
EDUCATIONAL DEVELOPMENT	1,912	1,222	63.9%	614	434	70.7%	124	83	66.9%
College Learning Skills	8	4	50.0%	11	7	63.6%	2	2	100.0%
Education	16	14	87.5%	32	31	96.9%	1	1	100.0%
Developmental Reading	483	317	65.6%	97	60	61.9%	31	23	74.2%
Developmental Math	849	503	59.2%	339	245	72.3%	56	37	66.1%
Developmental English	430	293	68.1%	116	79	68.1%	28	17	60.7%
Developmental Skills	126	91	72.2%	19	12	63.2%	6	3	50.0%
Honors	2	1	50.0%	26	20	76.9%	1	1	NA
Career Assessment & Planning	171	137	80.1%	181	144	79.6%	16	11	68.8%
TOTAL COLLEGE	13,742	9,379	68.3%	16,408	12,766	77.8%	2,528	1,821	72.0%

Table 5

Course Pass Rates for New and Continuing Students According to Discipline, Fall 1988

DIVISIONS/DEPARTMENTS	First Time Students			Continuing Students		
	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate
OCCUPATIONAL EDUCATION	2,603	1,870	71.8%	7,408	5,806	78.4%
Health Technology	62	52	83.9%	411	368	89.5%
Radiologic Technology	12	12	100.0%	31	31	100.0%
Medical Isotope Technology	6	6	100.0%	20	17	85.0%
Medical Records Technology	7	6	85.7%	44	37	84.1%
Nursing	14	10	71.4%	262	234	89.3%
Health	15	12	80.0%	21	20	95.2%
Respiratory Therapy	8	6	75.0%	33	29	87.9%
Business/Management	1,867	1,364	73.1%	5,268	4,146	78.7%
Hospitality Services Mgt.	42	28	66.7%	121	103	85.1%
Criminal Justice Technology	189	142	75.1%	461	404	87.6%
Paralegal	111	83	74.8%	327	284	86.9%
Marketing	64	48	75.0%	323	264	81.7%
Business	25	19	76.0%	362	313	86.5%
Management	666	500	75.1%	1,493	1,237	82.9%
Early Childhood Prog. Mgt.	10	8	80.0%	16	13	81.3%
Early Childhood Education	73	64	87.7%	145	123	84.8%
Office Administration	131	91	69.5%	288	206	71.5%
Real Estate	142	103	72.5%	223	164	73.5%
Accounting	414	278	67.1%	1,509	1,035	68.6%
Computer and Engineering	674	454	67.4%	1,729	1,292	74.7%
Engineering Technology	117	79	67.5%	332	273	82.2%
Data Processing	557	375	67.3%	1,397	1,019	72.9%
GENERAL EDUCATION	6,698	4,638	69.2%	12,922	9,599	74.3%
Physical Education & Health	445	375	84.3%	1,250	1,097	87.8%
Health	47	41	87.2%	207	172	83.1%
Physical Education	398	334	83.9%	1,043	925	88.7%
Humanities	1,615	1,276	79.0%	2,541	2,096	82.5%
Music	136	109	80.1%	295	257	87.1%
Art	221	164	74.2%	566	483	85.3%
Speech	657	517	78.7%	747	645	86.3%
Eng. as a Foreign Language	278	247	88.8%	174	147	84.5%
Foreign Languages	128	91	71.1%	277	210	75.8%
Philosophy	90	65	72.2%	322	226	70.2%
TV, Radio and Film	51	42	82.4%	60	51	85.0%
Theater	54	41	75.9%	100	77	77.0%

Course Pass Rates for New and Continuing Students According to Discipline, Fall 1988

DIVISIONS/DEPARTMENTS	First Time Students			Continuing Students		
	Initial Enrollment	Number Passing	Pass Rate	Initial Enrollment	Number Passing	Pass Rate
Social Science	1,573	1,117	71.0%	3,416	2,590	75.8%
Sociology	213	138	64.8%	521	386	74.1%
Psychology	595	441	74.1%	898	708	78.8%
Political Science	112	80	71.4%	320	230	71.9%
History	409	301	73.6%	923	712	77.1%
Economics	208	135	64.9%	658	485	73.7%
Geography	19	14	73.7%	47	35	74.5%
Anthropology	17	8	47.1%	49	34	69.4%
English Studies	1,525	1,064	69.8%	2,171	1,608	74.1%
Literature	22	17	77.3%	321	273	85.0%
Advanced Writing	84	66	78.6%	802	657	81.9%
Composition	1,419	981	69.1%	1,048	678	64.7%
Science and Mathematics	1,540	806	52.3%	3,544	2,208	62.3%
Physical Science	108	74	68.5%	481	365	75.9%
Physics	32	23	71.9%	188	136	72.3%
Engineering	27	25	92.6%	97	73	75.3%
Horticulture	18	13	72.2%	31	24	77.4%
Biology	226	133	58.8%	752	515	68.5%
Math	1,006	476	47.3%	1,688	922	54.6%
Chemistry	123	62	50.4%	307	173	56.4%
EDUCATIONAL DEVELOPMENT	1,756	1,158	65.9%	894	581	65.0%
Education	20	18	90.0%	29	28	96.6%
Developmental Skills	133	92	69.2%	18	14	77.8%
College Learning Skills	5	5	100.0%	16	8	50.0%
Developmental Reading	518	341	65.8%	93	59	63.4%
Developmental English	425	290	68.2%	149	99	66.4%
Developmental Math	655	412	62.9%	589	373	63.3%
Honors	6	4	66.7%	23	18	78.3%
Career Assessment & Planning	183	140	76.5%	185	152	82.2%
TOTAL COLLEGE	11,246	7,810	69.4%	21,432	16,156	75.4%

Table 6

Enrollment and Completions, Total College, Fall 1988

FIRST TIME STUDENTS

		MALE			FEMALE			TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	AGE GROUP	BLACK	WHITE	OTHER	BLACK	WHITE	OTHER	MALES	FEMALES	BLACK	WHITE	OTHER	BY AGE
INIT	OVER 25	318	350	72	807	531	102	740	1440	1125	881	174	2180
ENROL	21 - 25	217	373	68	412	366	93	658	871	629	739	161	1529
	UNDER 21	1487	1739	318	1830	1834	329	3544	3993	3317	3573	647	7537
TOTAL		2022	2462	458	3049	2731	524	4942	6304	5071	5193	982	11246
SUCC	OVER 25	230	263	53	578	465	82	546	1125	808	728	135	1671
COMPL	21 - 25	132	271	48	272	279	81	451	632	404	550	129	1083
	UNDER 21	909	1181	217	1141	1364	244	2307	2749	2050	2545	461	5056
TOTAL		1271	1715	318	1991	2108	407	3304	4506	3262	3823	725	7810

CONTINUING STUDENTS

		MALE			FEMALE			TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	AGE GROUP	BLACK	WHITE	OTHER	BLACK	WHITE	OTHER	MALES	FEMALES	BLACK	WHITE	OTHER	BY AGE
INIT	OVER 25	994	1296	171	2491	2157	182	2461	4830	3485	3453	353	7291
ENROL	21 - 25	1030	1822	375	1494	1578	264	3227	3336	2524	3400	639	6563
	UNDER 21	975	1997	285	1687	2365	269	3257	4321	2662	4362	554	7578
TOTAL		2999	5115	831	5672	6100	715	8945	12487	8671	11215	1546	21432
SUCC	OVER 25	694	1023	122	1996	1885	154	1839	4035	2690	2908	276	5874
COMPL	21 - 25	681	1294	234	1017	1260	180	2209	2457	1698	2554	414	4666
	UNDER 21	598	1551	205	1131	1930	201	2354	3262	1729	3481	406	5616
TOTAL		1973	3868	561	4144	5075	535	6402	9754	6117	8943	1096	16156

TOTAL COLLEGE

		MALE			FEMALE			TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	AGE GROUP	BLACK	WHITE	OTHER	BLACK	WHITE	OTHER	MALES	FEMALES	BLACK	WHITE	OTHER	BY AGE
INIT	OVER 25	1312	1646	243	3298	2688	284	3201	6270	4610	4334	527	9471
ENROL	21 - 25	1247	2195	443	1906	1944	357	3885	4207	3153	4139	800	8092
	UNDER 21	2462	3736	603	3517	4199	598	6801	8314	5979	7935	1201	15115
TOTAL		5021	7577	1289	8721	8831	1239	13887	18791	13742	16408	2528	32678
SUCC	OVER 25	924	1286	175	2574	2350	236	2385	5160	3498	3636	411	7545
COMPL	21 - 25	813	1565	282	1289	1539	261	2660	3089	2102	3104	543	5749
	UNDER 21	1507	2732	422	2272	3294	445	4661	6011	3779	6026	867	10672
TOTAL		3244	5583	879	6135	7183	942	9706	14260	9379	12766	1821	23966

Table 7

Course Completion Rates, Total College, Fall 1988

FIRST TIME STUDENTS

		MALE			FEMALE								
	AGE GROUP	BLACK	WHITE	OTHER	BLACK	WHITE	OTHER	TOTAL MALES	TOTAL FEMALES	TOTAL BLACK	TOTAL WHITE	TOTAL OTHER	TOTAL BY AGE
COURSE	OVER 25	72.3%	75.1%	73.6%	71.6%	87.6%	80.4%	73.8%	78.1%	71.8%	82.6%	77.6%	76.7%
COMP	21 - 25	60.8%	72.7%	70.6%	66.0%	76.2%	87.1%	68.5%	72.6%	64.2%	74.4%	80.1%	70.8%
	UNDER 21	61.1%	67.9%	68.2%	62.3%	74.4%	74.2%	65.1%	68.8%	61.8%	71.2%	71.3%	67.1%
TOTAL		62.9%	69.7%	69.4%	65.3%	77.2%	77.7%	66.9%	71.5%	64.3%	73.6%	73.8%	69.4%

CONTINUING STUDENTS

		MALE			FEMALE								
	AGE GROUP	BLACK	WHITE	OTHER	BLACK	WHITE	OTHER	TOTAL MALES	TOTAL FEMALES	TOTAL BLACK	TOTAL WHITE	TOTAL OTHER	TOTAL BY AGE
COURSE	OVER 25	69.8%	78.9%	71.3%	80.1%	87.4%	84.6%	74.7%	83.5%	77.2%	84.2%	78.2%	80.6%
COMP	21 - 25	66.1%	71.0%	62.4%	68.1%	79.8%	68.2%	68.5%	73.7%	67.3%	75.1%	64.8%	71.1%
RATE	UNDER 21	61.3%	77.7%	71.9%	67.0%	81.6%	74.7%	72.3%	75.5%	65.0%	79.8%	73.3%	74.1%
TOTAL		65.8%	75.6%	67.5%	73.1%	83.2%	74.8%	71.6%	78.1%	70.5%	79.7%	70.9%	75.4%

TOTAL COLLEGE

		MALE			FEMALE								
	AGE GROUP	BLACK	WHITE	OTHER	BLACK	WHITE	OTHER	TOTAL MALES	TOTAL FEMALES	TOTAL BLACK	TOTAL WHITE	TOTAL OTHER	TOTAL BY AGE
COURSE	OVER 25	70.4%	78.1%	72.0%	78.0%	87.4%	83.1%	74.5%	82.3%	75.9%	83.9%	78.0%	79.7%
COMP	21 - 25	65.2%	71.3%	63.7%	67.6%	79.2%	73.1%	68.5%	73.4%	66.7%	75.0%	67.9%	71.0%
RATE	UNDER 21	61.2%	73.1%	70.0%	64.6%	78.4%	74.4%	68.5%	72.3%	63.2%	75.9%	72.2%	70.6%
TOTAL		64.6%	73.7%	68.2%	70.3%	81.3%	76.0%	69.9%	75.9%	68.3%	77.8%	72.0%	73.3%

SOURCE: Office of Institutional Research and Analysis, based on Information Systems Report SDB 032. Successful completions include grades A, B, C, D, P, TP, and Audit.

ERR indicates no students in this category were enrolled in this discipline in Fall 1988.

TABLE 8
SCHOLASTIC APTITUDE TEST MEAN SCORES
College Board Admissions Testing Program

	VERBAL			MATH		
	Males	Females	Total	Males	Females	Total
			1988			
PGCPS	393	390	391	442	418	429
State	439	428	433	497	456	475
Nation	435	422	428	498	455	476
			1987			
PGCPS	401	389	394	458	411	432
State	443	432	437	503	454	477
Nation	435	425	430	500	453	476
			1986			
PGCPS	406	394	399	460	412	434
State	441	432	436	502	452	475
Nation	437	426	431	501	451	475
			1985			
PGCPS	411	395	402	470	422	444
State	442	428	435	501	451	475
Nation	437	425	431	499	452	475
			1984			
PGCPS	402	396	399	464	427	444
State	437	422	429	495	445	468
Nation	433	420	426	495	449	471
			1983			
PGCPS	404	397	400	471	427	448
State	432	422	427	492	443	466
Nation	430	420	425	493	445	468
			1982			
PGCPS	409	399	403	473	428	449
State	431	420	425	491	440	464
Nation	431	421	426	493	443	467
			1981			
PGCPS	409	399	403	469	426	446
State	432	416	423	489	437	461
Nation	430	418	424	492	443	466

TABLE 9

THE NUMBER AND PERCENTAGE OF
PRINCE GEORGE'S COUNTY PUBLIC SCHOOL STUDENTS
WHO SCORED IN DISTINCT RANGES ON THE SAT

SAT SCORE	VERBAL		MATH	
	Number	(%)	Number	(%)
750 - 800	1	(0)	19	(1)
700 - 749	20	(1)	66	(2)
650 - 699	42	(1)	130	(4)
600 - 649	88	(2)	163	(4)
550 - 599	180	(5)	267	(7)
500 - 549	315	(9)	378	(10)
450 - 499	463	(13)	467	(13)
400 - 449	585	(16)	520	(14)
350 - 399	584	(16)	578	(16)
300 - 349	587	(16)	562	(15)
250 - 299	470	(13)	412	(11)
200 - 249	304	(8)	77	(2)

TABLE 10

Prince George's County Public High Schools

Scholastic Aptitude Test Results

	1987-88		1986-87	
SCHOOL	VERBAL	MATH	VERBAL	MATH
Bladensburg	328	368	354	389
Bowie	426	462	437	466
Central	342	364	354	376
Crossland	365	396	367	393
Duval	384	408	355	399
Eleanor Roosevelt	477	535	484	544
Fairmont Heights	333	373	334	378
Forestville	317	358	304	352
Frederick Douglass	385	408	397	419
Friendly	383	416	371	397
Gwynn Park	400	426	394	420
High Point	398	442	394	437
Largo	363	391	369	403
Laurel	400	447	410	458
Northwestern	381	398	371	408
Oxon Hill	395	443	423	462
Parkdale	376	439	378	444
Potomac	339	358	342	361
Suitland	357	381	320	361
Surrattsville	381	404	381	408
Prince George's Co.	391	429	394	432

TABLE 1I

Prince George's County Public Schools
1987-88 Scholastic Aptitude Test Results
For
Black and White Students by School

SCHOOL NAME	BLACK			WHITE		
	N*	V*	M*	N	V	M
Bladensburg	61	314	357	19	408	435
Bowie	41	354	381	269	441	477
Central	67	332	364	6	448	398
Crossland	123	354	379	35	422	443
DuVal	58	360	373	42	434	470
E. Roosevelt	108	391	427	214	518	577
F. Heights	84	330	364	9	379	459
Forestville	58	316	346	4	***	***
F. Douglas	70	342	363	69	437	456
Friendly	155	360	388	59	435	475
G. Park	43	349	380	50	446	471
H. Point	75	363	378	87	442	486
Largo	157	351	375	53	419	458
Laurel	24	323	349	138	427	461
Northwestern	91	359	375	49	429	430
O. Hill	174	343	376	83	504	569
Parkdale	62	342	370	66	415	482
Potomac	119	337	357	3	***	***
Suitland	97	352	377	11	403	432
Surrattsville	69	359	374	72	412	436
PGCPS	1736	349	375	1338	449	489
State	5788	360	387	21849	454	497
Nation	97483	353	384	813116	445	490

* N = Number of Students V = Verbal M = Math
*** Must have six or more students for average

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